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PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/817,319	
	Filing Date	04/02/2004	
	Confirmation Number	1084	
	First Named Inventor	OLIN, JOHN	
	Group Art Unit	3754	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	16	Attorney Docket Number	SERA-001

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form IN DUPLICATE <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Submission of Formal Drawing(s) (6 Drawing Sheets; 7 Pages) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"><li>• COMMUNICATION</li><li>• CREDIT CARD PAYMENT FORM</li><li>• COPY OF NOTICE OF MISSING PARTS</li><li>• EXECUTED DECLARATION</li><li>• POSTCARD</li></ul>
Remarks		

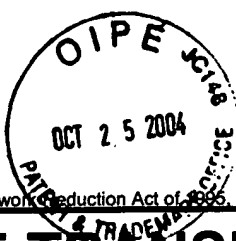
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Signing Attorney/Agent (Reg. No.)	FRANK P. BECKING, 42,309 THE PATENT LAW OFFICE OF FRANK P. BECKING
Signature	
Date	October 25, 2004

**EXPRESS MAIL LABEL NO. ER 885290033 US**

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 630.00)

## Complete if Known

Application Number	10/817,319
Filing Date	04/02/2004
First Named Inventor	OLIN, JOHN
Examiner Name	Not Assigned
Art Unit	Not Assigned
Attorney Docket No.	SERA-001

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
Deposit Account Name

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	395
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 395)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
34	-20** = 14	X 9	= 126
Independent Claims	4	-3** = 1	X 44 = 44
Multiple Dependent			= 170

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 565.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	65
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 65.00)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Frank P. Becking	Registration No. (Attorney/Agent)	42,309	Telephone	650-906-1137
Signature	<i>Frank P. Becking</i>	Date	10/25/2004		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ER885290033US

**COMMUNICATION**

Address to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No.	SERA-001
Confirmation No.	1084
First Named Inventor	OLIN, JOHN
Application Number	10/817,319
Filing Date	April 2, 2004
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Title:	"IMMERSIBLE THERMAL MASS FLOW METER"

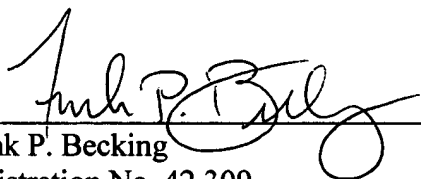
Dear Sir:

The papers submitted herewith - including a Declaration and Submission of Formal Drawings - are provided in response to the Notice of Missing Parts dated August 23, 2004. Since October 23, 2004 falls on a weekend, these papers are timely filed today, Monday, October 25, 2004.

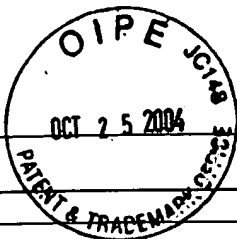
The Office is encouraged to contact the undersigned in the event an issue arises in processing the attached papers.

Respectfully submitted,

Date: October 25, 2004

By:   
Frank P. Becking  
Registration No. 42,309

The Patent Law Office of Frank P. Becking  
P.O. Box 800  
Palo Alto, CA 94302  
650-906-1137 (Tel)  
650-615-9295 (Fax)



EXPRESS MAIL LABEL NO. ER 885290033 US

**SUBMISSION OF  
FORMAL DRAWINGS**

Address to:

**BOX Formal Drawings**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer Number	46176
Application Number	10/817,319
Confirmation Number	1084
Filing Date	04/02/2004
First Named Inventor	OLIN, JOHN
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket	SERA-001

Sir:

Attached hereto are 6 sheets of formal drawings to be filed in connection with the above-identified application.

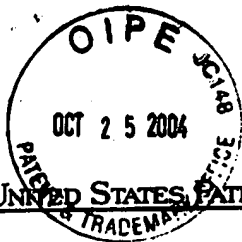
Respectfully submitted,

Date: October 25, 2004

By: \_\_\_\_\_

  
Frank P. Becking  
Registration No. 42,309

The Patent Law Office of Frank P. Becking  
P.O. Box 800  
Palo Alto, California 94302  
Telephone: (650) 906-1137  
Facsimile: (650) 615-9295



10-2704

Page 1 of 2

JFW

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/817,319	04/02/2004	John Olin	SERA-001

CONFIRMATION NO. 1084

FORMALITIES LETTER



\*OC000000013612348\*

24353  
BOZICEVIC, FIELD & FRANCIS LLP  
200 MIDDLEFIELD RD  
SUITE 200  
MENLO PARK, CA 94025

10/28/2004 RMEBRAHT 00000084 10817319

01 FC:2001 395.00 OP  
02 FC:2051 65.00 OP  
03 FC:2201 44.00 OP  
04 FC:2202 126.00 OP

Date Mailed: 08/23/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 1-12b.

The applicant needs to satisfy supplemental fees problems indicated below.

10/28/2004

The required item(s) identified below must be timely submitted to avoid abandonment:

08/23/2004

- Additional claim fees of \$151 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**


Total additional fee(s) required for this application is \$601 for a Small Entity

- \$385 Statutory basic filing fee.
- \$65 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$151
  - \$43 for 1 independent claims over 3.
  - \$108 for 12 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

  
\_\_\_\_\_  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART I - ATTORNEY/APPLICANT COPY